

ABSTRACT OF THE DISCLOSURE

A projector is provided which can realize a bright projected image of high light utilization efficiency while combining a reflective-type liquid crystal device and an integrator optical system. The projector may include a light source lamp, a light
5 beam dividing optical element, a polarization conversion element, a polarization selection element having a polarization selection surface, and an electro-optical device. When a plane of incidence including a normal line of the polarization selection surface and the central axis of an incident light is assumed, the direction parallel to the plane of incidence and perpendicularly intersecting the central axis is
10 assumed to be the X-axis direction, and the direction perpendicularly intersecting the plane of incidence is assumed to be the Y-axis direction, the direction of polarization beam separation by the polarization conversion element is the X-axis direction.